



# MD

# FOR THE DISPLAY AND MONITORING OF DIFFERENTIAL PRESSURES

Measuring devices for the display and monitoring of differential pressures for gaseous, non-aggressive media

· Mechanical and electronic measuring devices

Analog:

U-tube manometer or inclined tube manometer

#### Digital:

- With display according to DIN 1946 Part 4 and VDI 3803
- Stepless adjustment of differential pressure limiting value .
- Optical signal upon reaching the limiting value .
- Volt-free signal output for integration into the central BMS
- Illuminated display with warning function

# Application

### Application

- Pressure measuring devices type MD for installation into ventilation systems
- For the display and monitoring of differential pressures in gaseous media, such as air or inert gases .
- To ensure correct maintenance of filters

#### Special characteristics

- Compact construction
- Easy operation
- Variant APC, display of 2 measuring ranges according to installation orientation Variant DPC, standardised measurement to DIN 1946-4 and VDI 3803
- Variant DPC, can be integrated with the central BMS .

## Description

# Variants

- UT: U-tube manometer
- APC: Analog pressure monitor .
- DPC: Digital pressure monitor

#### Construction

- · Analog constructions: U-tube manometer and inclined tube manometer with measuring fluid
- Digital construction: with electronics
  230 V or 24 V AC/DC supply voltage

Useful additions

# 

#### • Measuring fluid, to be ordered separately

# INFORMACIÓN TÉCNICA

Pressure measuring devices MD with different measuring ranges for displaying or monitoring the differential pressure of gaseous media.

U-tube manometer and analog pressure monitor are measuring devices with display function.

The digital pressure monitor is a monitoring and measuring device with an illuminated display and warning function; a warning is issued when the differential pressure exceeds the set limit.

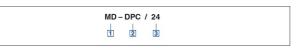
Relay output with volt-free contact for integration into the central BMS.

Special characteristics

- Compact construction
- Easy operation
- Variant APC, display of 2 measuring ranges according to installation orientation
  Variant DPC, standardised measurement to DIN 1946-4 and VDI 3803
  Variant DPC, can be integrated with the central BMS

#### Construction

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- Digital construction: with electronics
- 230 V or 24 V AC/DC supply voltage



1 Type MD Measuring device

3 Supply voltage 24 24 V AC/DC ± 15%, 50/60Hz

 2) Variant

 UT
 U-tube manometer

 APC
 Analogue pressure monitor

 DPC
 Digital pressure monitor